

Listing of Claims:

Please amend the claims as follows. This Listing of Claims will replace all prior versions and listings of claims in the application.

CLAIMS

1. – 73. (Cancelled).

74. (New) An electroluminescent device which comprises:
- (i) a first electrode which functions as an anode;
 - (ii) a second electrode which functions as a cathode; and,
 - (iii) between said first and second electrodes, the following layers (a) to (e):
 - (a) a layer of a hole transport material;
 - (b) a first layer comprising a first electroluminescent metal complex or a first organometallic complex having a band gap;
 - (c) a layer comprising a second electroluminescent metal complex or a second organometallic complex having a band gap, wherein the band gap of the second electroluminescent metal complex or second organometallic complex is larger than that of the first electroluminescent metal complex or first organometallic complex;
 - (d) a second layer comprising the first electroluminescent metal complex or the first organometallic complex; and,
 - (e) a layer of an electron transport material not containing a rare

earth element.

75. (New) The device of claim 74 additionally comprising the following layers (f) and (g):

(f) a second layer comprising said second electroluminescent metal complex or said second organometallic complex; and
(g) a third layer comprising said first electroluminescent metal complex or said first organometallic complex, said layers (f) and (g) being located between the layers (c) and (e).

76. (New) The device of claim 75, wherein the first electrode/anode is an ITO layer.

77. (New) The device of claim 75, wherein the hole transport material comprises N,N'-diphenyl-N,N'-bis-(3-methylphenyl)-1,1'-biphenyl-4,4'-diamine (TPD), HTM-1, TPTE, α-NBP or mTADATA.

78. (New) The device of claim 74, wherein the first electroluminescent metal complex or first organometallic complex emits light in the red, green or yellow regions of the spectrum.

79. (New) The device of claim 78, wherein the first electroluminescent metal complex or first organometallic complex is a complex including Eu, Tb or Dy.

80. (New) The device of claim 74, wherein the first electroluminescent complex or first organometallic complex is Eu(TMHD)₃OPNP or Eu(DBM)₃OPNP.

81. (New) The device of claim 74, wherein the second electroluminescent metal complex or second organometallic complex emits light predominantly in the ultraviolet region of the spectrum.

82. (New) The device of claim 74, wherein the second electroluminescent metal complex or second organometallic complex is a complex including Gd or Ce.

83. (New) The device of claim 74, wherein the second electroluminescent metal complex or second organometallic complex is Gd(DBM)₃Phen.

84. (New) The device of claim 74, wherein said layer (c) has a thickness of about 10 nm.

85. (New) The device of claim 74, wherein said second electrode comprises a material selected from aluminum, calcium, lithium, and silver/magnesium alloys.

86. (New) The device of claim 74, wherein the electron transport layer comprises a metal quinolate.

87. (New) The device of claim 86, wherein the metal quinolate comprises aluminum or lithium quinolate.

88. (New) An electroluminescent device which comprises:

- (i) a first electrode which functions as an anode;
- (ii) a second electrode which functions as a cathode; and,
- (iii) between said first and second electrodes, the following layers (a) to (c):
 - (a) a layer of a hole transport material;
 - (b) at least one composite layer comprising a first electroluminescent metal complex or first organometallic complex having a band gap alternating with at least one layer comprising a second electroluminescent metal complex or second organometallic complex having a band gap, wherein the band gap of the second metal complex or second organometallic complex is larger than that of the first metal complex or first organometallic complex; and,
 - (c) a layer of an electron transport material not containing a rare earth element.

89. (New) The device of claim 88, wherein said layer(s) containing said second electroluminescent metal complex or second organometallic complex have a thickness of about 10 nm.

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90. (New) The device of claim 88, wherein the second electroluminescent metal complex or second organometallic complex emits light predominantly in the ultraviolet region of the spectrum.